

Sodium Saccharin

DESCRIPTION

Sodium Saccharin is a white odorless sweet powder that exhibits excellent synergistic properties when blended with other high intensity sweeteners. It is also commercially available in Calcium and Acid forms. Sodium Saccharin is freely soluble in water and is approximately 300-500 times sweeter than sucrose.

Formula: $C_7H_4NNaO_3S_2H_2O$

CAS: 6155-57-3

Molecular Weight: 241.20

E Number: E954

Flashpoint: Not Applicable

SUGGESTED USES

Beverages, Table-Top Sweeteners, Baked Goods, Cereals, Confections, Dairy

Test Item	Specification	Test Method / Reference
Appearance	White Crystal	Internal
Identification	Meets Requirements	Current FCC, USP/NF
Assay (On anhydrous basis)	99.0-101.0%	Current FCC, USP/NF
Melting Point	226-230 °C	Current JECFA
Ammonium Salts	≤ 25 ppm	Internal
Appearance of Solution	Clear and Colorless	Current USP/NF
Clarity of Solution	Clear	Current USP/NF
Acidity or Alkalinity	Meet the Requirements	Current FCC, USP/NF
Benzoate and Salicylate	Meet the Requirements	Current FCC, USP/NF
Water	≤ 15%	Current FCC, USP/NF
Organic Volatiles	Meet the Requirements	Current USP/NF
Readily Carbonized Substances	No Darker Than Reference	Current FCC, USP/NF
P-Toluene Sulfonamide	≤ 10 ppm	Current FCC, USP/NF
O-Toluene Sulfonamide	≤ 10 ppm	Current FCC, USP/NF
Benzoic Acid p-Sulphonamide	≤ 25 ppm	E954
Heavy Metals (as Pb)	≤ 10 ppm	Current FCC
Arsenic	≤ 3 ppm	E954
Selenium	≤ 30 ppm	JECFA
Lead	≤ 1 ppm	JECFA

FCC = Food Chemical Codex USP/NF - United States Pharmacopeia-National Formulary

JECFA = Joint FAO/WHO Expert Committee on Food Additives



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CONFORMITY WITH

Food Chemicals Codex
European Commission Regulation No. 231/2012
US Pharmacopoeia
This material is Kosher Pareve and Halal Certified

PACKAGING

25 kg net weight fiber drums with inner liner or as otherwise agreed upon.

SHIPPING & HANDLING

Recommended to be stored in an odor-free environment. Low humidity conditions are recommended to minimize caking/degradation potentials.

STORAGE

Store in a well-closed place with constant low temperature and no direct sun light.

SHELF LIFE

The shelf life of this material is 5 years from the date of manufacture if stored in recommended conditions.

LOT CODE EXPLANATION

Example Lot: 20210101
2021 = Year of Manufactured: 2021
01 = Month Manufactured: January
01 = Batch No. #01

NUTRITIONAL DATA

Nutrient	Per 100 grams
Calories(kcal)	0
Total Fats(g)	0
Cholesterol(mg)	0
Sodium (mg)	0
Carbohydrates(g)	0
Dietary Fiber(g)	0
Total Sugars (g)	0
Added Sugar(g)	0
Protein(g)	0
Moisture(g)	15
Ash(g)	0
Vitamins-IU	0
Calcium(mg)	0
Iron(mg)	0
Potassium(mg)	0

This data is calculated from standard analytical data.
The zero values are based on process knowledge and raw materials used.
Sodium Saccharin is chemically pure and contains no additives, preservatives or color.

